

WEST Search History

DATE: Friday, November 05, 2004

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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

☐ L1 (aminotransferase or transaminase) with aquifex 8

END OF SEARCH HISTORY

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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20030040092 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 8

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030040092

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030040092 A1

TITLE: Transaminases and aminotranferases

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Warren, Patrick V.	San Diego	CA	US	
Swanson, Ronald V.	Del Mar	CA	US	

US-CL-CURRENT: 435/193; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20020132295 A1

L1: Entry 2 of 8

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020132295

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020132295 A1

TITLE: Enzymes having transaminase and aminotransferase activity and methods of use thereof

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Short, Jay M.	Rancho Santa Fe	CA	US	
Warren, Patrick V.	Philadelphia	PA	US	
Swanson, Ronald V.	Media	PA	US	
Mathur, Eric J.	Carlsbad	CA	US	

US-CL-CURRENT: [435/69.1](#); [435/128](#), [435/193](#), [435/320.1](#), [435/325](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: US 6268188 B1

L1: Entry 3 of 8

File: USPT

Jul 31, 2001

US-PAT-NO: 6268188

DOCUMENT-IDENTIFIER: US 6268188 B1

TITLE: Transaminases and aminotransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 4. Document ID: US 6013509 A

L1: Entry 4 of 8

File: USPT

Jan 11, 2000

US-PAT-NO: 6013509

DOCUMENT-IDENTIFIER: US 6013509 A

TITLE: Transaminases and aminotransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 5. Document ID: US 5962283 A

L1: Entry 5 of 8

File: USPT

Oct 5, 1999

US-PAT-NO: 5962283

DOCUMENT-IDENTIFIER: US 5962283 A

TITLE: Transaminases and amnotransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 6. Document ID: US 5814473 A

L1: Entry 6 of 8

File: USPT

Sep 29, 1998

US-PAT-NO: 5814473

DOCUMENT-IDENTIFIER: US 5814473 A

**** See image for Certificate of Correction ****

TITLE: Transaminases and aminotransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 7. Document ID: JP 2003000289 A

L1: Entry 7 of 8

File: JPAB

Jan 7, 2003

PUB-NO: JP02003000289A

DOCUMENT-IDENTIFIER: JP 2003000289 A

TITLE: TRANSAMINASE AND AMINOTRANSFERASE

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 8. Document ID: JP 2003000288 A

L1: Entry 8 of 8

File: JPAB

Jan 7, 2003

PUB-NO: JP02003000288A

DOCUMENT-IDENTIFIER: JP 2003000288 A

TITLE: TRANSAMINASE AND AMINOTRANSFERASE

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
(aminotransferase or transaminase) with aquifex	8

Display Format: [Previous Page](#)[Next Page](#)[Go to Doc#](#)

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NEWS 13 SEP 27 SWETSCAN will no longer be available on STN
NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

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TOTAL
SESSION
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FULL ESTIMATED COST

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=> s (aminotransferase or transaminase)(5a) aquifex
L1 6 (AMINOTRANSFERASE OR TRANSAMINASE)(5A) AQUIFEX

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 4 DUP REM L1 (2 DUPLICATES REMOVED)

=> d 1-4

L2 ANSWER 1 OF 4 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN
DUPLICATE 1
AN 2003-08950 BIOTECHDS
TI Novel purified aminotransferase or transaminase polypeptides, useful for
catalyzing transfer of amino groups from alpha-amino to alpha-keto acids,
and for modifying small molecules;
recombinant enzyme protein production and vector expression in host
cell for small molecule modification
AU SHORT J M; WARREN P V; SWANSON R V; MATHUR E J
PA SHORT J M; WARREN P V; SWANSON R V; MATHUR E J
PI US 2002132295 19 Sep 2002
AI US 2001-905173 12 Jul 2001
PRAI US 2001-905173 12 Jul 2001; US 1996-599171 9 Feb 1996
DT Patent
LA English
OS WPI: 2003-182286 [18]

L2 ANSWER 2 OF 4 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2000:313825 BIOSIS
DN PREV200000313825
TI Transaminases and aminotransferases.
AU Warren, Patrick V. [Inventor, Reprint author]; Swanson, Ronald V.
[Inventor]
CS Philadelphia, PA, USA
ASSIGNEE: Diversa Corporation
PI US 6013509 January 11, 2000
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Jan. 11, 2000) vol. 1230, No. 2. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 26 Jul 2000
Last Updated on STN: 7 Jan 2002

L2 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:635429 HCAPLUS
DN 131:271015
TI Transaminases and aminotransferases
IN Warren, Patrick V.; Swanson, Ronald V.
PA Diversa Corporation, USA
SO U.S., 39 pp., Cont.-in-part of U.S. 5,814,473.
CODEN: USXXAM

DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5962283	A	19991005	US 1996-646590	19960508
	US 5814473	A	19980929	US 1996-599171	19960209
	CA 2246243	AA	19970814	CA 1997-2246243	19970121
	WO 9729187	A1	19970814	WO 1997-US1094	19970121
	W: AU, CA, IL, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9718367	A1	19970828	AU 1997-18367	19970121
	AU 718147	B2	20000406		
	JP 2000505291	T2	20000509	JP 1997-528527	19970121
	JP 3414405	B2	20030609		
	EP 1015563	A1	20000705	EP 1997-903936	19970121
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2003000288	A2	20030107	JP 2002-137783	19970121
	JP 2003000289	A2	20030107	JP 2002-137827	19970121
	US 6268188	B1	20010731	US 1999-412184	19991004
	US 2002132295	A1	20020919	US 2001-905173	20010712
PRAI	US 1996-599171	A2	19960209		
	US 1996-646590	A	19960508		
	JP 1997-528527	A3	19970121		
	WO 1997-US1094	W	19970121		
	US 1998-69226	A1	19980427		
	US 1999-389537	A2	19990902		
	US 1999-412184	A2	19991004		
	US 2000-481733	A2	20000111		

L2 ANSWER 4 OF 4 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN
DUPLICATE 2

AN 1997-11474 BIOTECHDS
TI Novel transaminases and aminotransferases;
recombinant thermostable enzyme production

AU Warren P V; Swanson R V
PA Recombinant-Biocatalysis
LO La Jolla, CA, USA.

PI WO 9729187 14 Aug 1997

AI WO 1997-US1094 21 Jan 1997

PRAI US 1996-646590 8 May 1996; US 1996-599171 9 Feb 1996

DT Patent
LA English

OS WPI: 1997-415343 [38]

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L1 6 S (AMINOTRANSFERASE OR TRANSAMINASE)(5A) AQUIFEX
L2 4 DUP REM L1 (2 DUPLICATES REMOVED)

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COST IN U.S. DOLLARS

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TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.90

22.11

SESSION WILL BE HELD FOR 60 MINUTES

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